

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
APV31638

SERIAL NO.
To be assigned

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICANT
Jacques Hubert Olga Joseph WIJENBERG et al.

FILING DATE
July 18, 2003

GROUP

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	2 8 2 1 5 0 5	01/58	Beach			
↓	6 3 7 9 8 1 8	04/02	Moolj et al.			
↓	6 3 9 1 4 7 6	05/02	Wittebrood et al.			
↓	6 3 8 3 6 6 1	05/02	Wittebrood et al.			
↓	6 5 0 3 6 4 0	01/03	Wittebrood et al.			
↓	6 5 6 8 5 8 4	05/03	Wittebrood et al.			
JS	5 9 6 1 8 5 3	10/99	Thornton			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JS	0 2 0 6 0 6 3 9	08/02	WO				
↓	0 2 3 8 3 2 6	05/02	WO				
↓	0 1 6 8 3 1 2	09/01	WO				
↓	0 0 7 1 7 8 4	11/00	WO				
JS	0 1 8 8 2 2 6	11/01	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JS	US Pat. App. Pub. No. US 2002/0175205 (Serial No. 10/060,117), filed Jan. 31, 2002, Wittebrood et al.
↓	US Pat. App. Pub. No. US 2003/0098338 (Serial No. 09/990,507), filed Nov. 21, 2001, Dockus et al.
↓	US Pat. App. Pub. No. US 2002/0088717 (Serial No. 09/984,968), filed Oct. 31, 2001, Wittebrood et al.
↓	US Pat. App. Pub. No. US 2003/0064242 (Serial No. 10/230,429), filed Aug. 29, 2002, Wittebrood et al.
↓	US Pat. App. Pub. No. US 2003/0091856 (Serial No. 10/042,752), filed Dec. 20, 2002, Wittebrood et al.
↓	US Pat. App. Pub. No. US 2003/0042146 (Serial No. 10/125,583), filed Apr. 19, 2002, Wijenberg et al.
JS	ASTM G-85 (1990)

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JS	2	7	4	5	7	9	9		05/56	Patrie			
JS	2	8	2	1	0	1	4		01/58	Miller			
JS	3	4	8	2	3	0	5		12/69	Dockus et al			
JS	3	4	8	9	6	5	7		01/70	Brenan et al			
JS	3	5	9	7	6	5	8		08/71	Rivera			
JS	3	9	6	3	4	5	4		06/76	Singleton, Jr.			
JS	3	9	7	0	2	3	7		07/76	Dockus			
JS	4	0	2	8	2	0	0		06/77	Dockus			
JS	4	1	5	7	1	5	4		06/79	Scott et al			
JS	4	1	6	4	4	5	4		08/79	Schober			
	4	3	8	8	1	5	9		06/83	Dockus et al			
JS	4	6	0	2	7	3	1		06/86	Dockus			
JS	4	7	2	1	6	5	3		01/88	Oda et al			
JS	4	7	4	1	8	1	1		05/88	Lefebvre et al			
JS	5	0	6	9	9	8	0		12/91	Namba et al			
JS	5	2	4	5	8	4	7		09/93	Bando et al			
JS	5	4	2	2	1	9	1		06/95	Childree			
JS	5	4	6	6	3	6	0		11/95	Ehram et al			
JS	5	6	0	1	6	9	5		02/97	Muranushi			
	5	6	4	3	4	3	4		07/97	Benmalek et al			
JS	6	1	2	9	2	6	2		10/00	Cooper et al			

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JS	6 0 6 0 1 7 4	05/00	Sabol et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JS	0 0 7 1 7 8 1	11/00	WO			X	
↓	0 2 2 7 2 6 1	07/87	EP			X	
↓	1 1 7 6 6 8 8	01/70	GB			X	
↓	2 3 5 4 1 7 1	01/78	FR				X
↓	2 6 1 7 8 6 8	01/89	FR			Abstract Only	
JS	3 8 2 1 0 7 3	01/89	DE			Abstract Only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JS	Bureau of Mines Technology, "Aluminium Soft-Soldering", 2301 N.T.I.S. Tech Notes (manufacturing), XP-002119816, 1985, January No. 1G, Springfield, VA, pgs. 12-13
↓	Wernick and Pinner, "The Surface Treatment and Finishing of Aluminium and its Alloys", 5 th edition, Volume 1, pp. 181-182 and pp. 191-203 (1988)
↓	Wernick and Pinner, "The Surface Treatment and Finishing of Aluminium and its Alloys", 5 th edition, Volume 2, pp. 1006-1022 and pp. 1023-1071 (Ch. 14-15)(Nov. 1988)
↓	SAE Paper No. 880446 by B.E. Cheadle and K.F. Dockus, "Inert Atmosphere Fluxless Brazing of Aluminum Heat Exchangers", ICE, Detroit, Michigan, pp.1-11 (Feb. 29-Mar. 4, 1988)
↓	Adrianus Jacobus Wittebrood, Jacques Hubert Olga Joseph Wijenberg, Joop Nicolaas Mooij, "Nickel-Plated Aluminum Brazing Sheet" Research Disclosure, No. 439, pp.1946-1947 (November 2000)
↓	SAE Paper No. P-263 by Kent Schölin and Bo Mannerskog, "Corrosion Resistant Aluminium Radiator Materials for Vacuum and Controlled Atmosphere Brazing" pp.75-82, 1993 Vehicle Thermal Management Systems Conference Proceedings
JS	Greef, N. et al, "The Hydrogen Evolution Reaction", Instrumental Methods in Electrochemistry, pp.233-236 (1990)

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WIJENBERG et al.

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JS	5 2 3 4 5 7 4	10/93	TSUJI et al.			
JS	6 5 9 9 6 4 5	07/03	WITTEBROOD			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JS	0 3 0 4 5 6 1 8	06/03	WO				
JS	0 3 0 4 5 6 1 9	06/03	WO				
JS	0 3 0 4 3 7 7 7	05/03	WO				

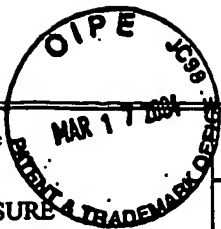
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JS	Wijenberg et al., filed July 18, 2003, USSN 10/621,601 (unpublished)
JS	US Patent Appln. Pub. No. 2003/0155409, Dockus et al., filed November 21, 2002, Published August 12, 2003
JS	US Patent Appln. Pub. No. 2003/0189082, Dockus et al., filed November 21, 2002, Published October 9, 2003
JS	US Patent Appln. Pub. No. 2003/0197050, Graham et al., filed November 21, 2002, Published October 23, 2003

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JS	3 8 9 6 0 0 9	07/75	Kobayashi et al			
	4 0 9 7 3 4 2	06/78	Cooke et al			
	4 1 2 6 5 2 2	11/78	Edlund			
	4 1 7 7 3 2 5	12/79	Roberts et al			
	4 3 8 8 1 5 9	06/83	Dockus et al			
	5 6 4 3 4 3 4	07/97	Benmalek et al			
	5 9 9 7 7 2 1	12/99	Limbach et al			
JS	6 1 6 5 6 3 0	12/00	Gehlhaar et al			

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						YES	NO
JS	6 5 5 1 3 4	12/83	CH			Abstract only	
JS	9 7 4 3 4 6 7	11/97	WO				
JS	7 9 5 0 4 8	06/96	EP				

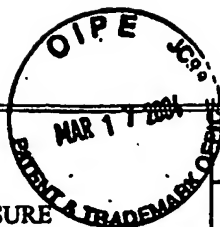
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JS	3 6 9 2 5 8 3	09/72	Mucenicks et al			
↓	3 8 6 2 0 1 8	01/75	Mentone			
↓	3 8 8 1 9 9 9	05/75	Toth et al			
↓	4 3 9 7 7 2 1	08/83	Exalto et al			
↓	4 3 4 6 1 2 8	08/82	Loch			
JS	5 2 4 6 5 6 5	09/93	Mignardot			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JS	5 4 0 1 3 4 3 0	01/79	JP				X
↓	5 1 0 6 0 5 9	04/93	JP			Abstract Only	
↓	1 1 0 9 7 2 9 8	04/99	JP			Abstract Only	
↓	2 0 0 0 5 2 5	01/79	GB				
JS	0 2 0 8 6 1 9 7	10/02	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JS	US Patent Application Serial No. 10/732,448, WITTEBROOD et al., filed December 11, 2003 (unpublished)
JS	US Patent Application Serial No. 10/732,405, WITTEBROOD et al., filed December 11, 2003 (unpublished)

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